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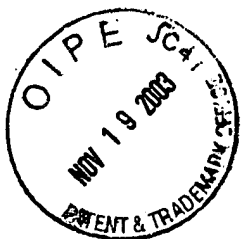
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TRANSMITTAL FORM (To be used for all correspondence after initial filing)	Application Number	10/618,076
	Filing Date	July 11, 2003
	First Named Inventor	Ryo Kubota
	Group Art Unit	
	Examiner Name	
	Attorney Docket No.	100118.401

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> Cited References (29) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): _____ _____ _____
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Mae Joanne Rosok Reg. No. 48,903	Customer Number 00500
Signature	<i>Mae Joanne Rosok</i>	
Date	November 17, 2003	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date specified below.		
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PATENT

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November 17, 2003
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Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ryo Kubota et al.
Application No. : 10/618,076
Filed : July 11, 2003
For : METHODS AND SYSTEMS FOR EXTENDED IN VITRO
CULTURE OF NEURONAL CELLS

Docket No. : 100118.401
Date : November 17, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached form PTO-1449. Applicants note that since the application filing date is after June 30, 2003, copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are

aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



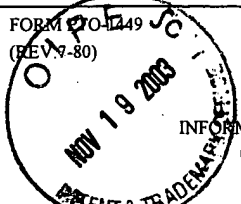
Mae Joanne Rosok
Registration No. 48,903

Enclosures:

Postcard
Form PTO-1449
Cited References (29)

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FORM PTO-1449 (REV 9-80) 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	APPLICATION NO.
			100118.401	10/618,076
			APPLICANTS Ryo Kubota et al.	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			FILING DATE	GROUP ART UNIT
			July 11, 2003	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,736,516	04/07/98	Louis	514	12	
	AB	5,840,686	11/24/98	Chader et al.	514	12	
	AC	5,851,832	12/22/98	Weiss et al.	435	368	
	AD	6,117,675	09/12/00	van der Kooy et al.	435	354	
	AE	6,379,882	04/30/02	Bitler et al.	435	4	
	AF	6,517,833	02/11/03	Edge	424	93.7	
	AG	2002/0009713	01/24/02	Miller et al.	435	4	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AH	WO 98/12303	03/26/98	WIPO		
	AI	WO 99/29279	06/17/99	WIPO		
	AJ	WO 00/47238	08/17/00	WIPO		
	AK	WO 01/42784 A2	06/14/01	WIPO		
	AL	2001-255318	09/21/01	JP (+ Abstract in English)		
	AM	WO 01/83714 A2	11/08/01	WIPO		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	Aramant, R. et al., "Transplantation of Human Embryonic Retina to Adult Rat Retina," <i>Restor. Neurol. Neurosci.</i> 2(1):9-22, October 1990.
	AO	Dentchev, T. et al., "Amyloid- β is Found in Drusen from Some Age-Related Macular Degeneration Retinas, but not in Drusen from Normal Retinas," <i>Molecular Vision</i> 9:184-190, March 2003
	AP	Fischer, A. et al., "Identification of a Proliferating Marginal Zone of Retinal Progenitors in Postnatal Chickens," <i>Develop. Biol.</i> 220(2):197-200, April 2000.
	AQ	Fintz, A-C. et al., "Partial characterization of retina-derived cone neuroprotection in two culture models of photoreceptor degeneration," <i>Invest. Ophthalm. & Vis. Sci.</i> 44(2):818-825, February 2003

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	APPLICATION NO.
		100118.401	10/618,076
		APPLICANTS Ryo Kubota et al.	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		FILING DATE	GROUP ART UNIT
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U.S. PATENT DOCUMENTS

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BA						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BB	Gage, F. et al., "Isolation, Characterization, and Use of Stem Cells From the CNS," <i>Annu. Rev. Neurosci</i> 18:159-192, 1995.
BC	Gaudin, C. et al., "Survival and Regeneration of Adult Human and Other Mammalian Photoreceptors in Culture," <i>Invest. Ophthalm. & Vis. Sci.</i> 37(11):2258-2268.
BD	Heidinger, V. et al., "Ability of Retinal Müller Glial Cells to Protect Neurons Against Excitotoxicity in Vitro Depends Upon Maturation and Neuron-Glial Interactions," <i>GLIA</i> 25:229-239, 1999.
BE	Hicks D. et al., "Survival and Regeneration of Adult Human Photoreceptors in Vitro," <i>Brain Research</i> 643(1/2):302-305, April 1994.
BF	Johnson, L. et al., "The Alzheimer's A β -Peptide is Deposited at Sites of Complement Activation in Pathologic Deposits Associated with Aging and Age-Related Macular Degeneration," <i>Proc. Natl. Acad. Sci. USA</i> 99(18):11830-11835, September 2002.
BG	Luo, X. et al., "Selective Excitotoxic Degeneration of Adult Pig Retinal Ganglion Cells in Vitro," <i>Invest. Ophthalm. & Vis. Sci.</i> 42(5):1096-1106, April 2001.
BH	Ogilvie, J. et al., "Growth Factors in Combination, but Not Individually, Rescue rd Mouse Photoreceptors in Organ Culture," <i>Exp. Neurol.</i> 161(2):676-685, February 2000.
BI	Picaud, S. et al., "Adult Human Retinal Neurons in Culture: Physiology of Horizontal Cells" <i>Invest. Ophthalm. & Vis. Sci.</i> 39(13):2637-2648, December 1998.
BJ	Santos, R. et al., "Cyclic AMP Increases the Survival of Ganglion Cell in Mixed Retinal Cell Cultures in the Absence of Exogenous Neurotrophic Molecules, an Effect that Involves Cholinergic Activity," <i>Braz. J. Med. Biol. Res.</i> 34(12):1585-1593, 2001.
BK	Seiler, M. et al., "Intact Sheets Of Fetal Retina Transplanted To Restore Damaged Rat Retinas," <i>Invest. Ophthalm. & Vis. Sci.</i> 39(11):2121-2131, October 1998.
BL	Giasson, B. et al., "The Relationship Between Oxidative/Nitrative Stress and Pathological Inclusions in Alzheimer's and Parkinson's Disease," <i>Free Radical Biology & Medicine</i> 32(12):1264-1275, 2002.
BM	Tropepe, V. et al., "Retinal Stem Cells in the Adult Mammalian Eye," <i>Science</i> 17:2032-2036, March 2000.

EXAMINER

DATE CONSIDERED

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